

ABSTRACT

The object of the present invention is to provide a process for hollowing a composite microparticle made of high-density grafted chains attached to a microparticle surface without compromising characteristics of prior art, high-density polymer particles of having a narrow particle size distribution and an excellent dispersion stability and to provide, by such a process, a hollow microparticle comprising a high-density polymer brush layer and a hollow portion.

The present inventions provides a process for hollowing a microparticle, by eluting only a microparticle from a composite microparticle made of high-density grafted chains attached to a microparticle surface and provides, by such a process, a hollow microparticle comprising a hollow portion and a high-density polymer brush layer enclosing the hollow portion.